

SCAN TO CONFIDENTIAL PRINT JOB COMMUNICATIONS

ABSTRACT OF THE INVENTION

5 A system and method are provided for scan to confidential
print job communications. The method comprises: at a source, scanning a
document; accepting a password; encrypting the scanned document;
transmitting the encrypted document with the password, to a network-
connected printer; at the printer, accepting the encrypted document and
10 password; accepting an access code at a local interface; comparing the
access code to the password; in response to a matching the access code to
the password, decrypting the document; and, printing the decrypted
document. More specifically, an encryption key is derived from the
password as used to encrypt the document, and the source hashes the
15 password. Then, the encrypted document is transmitted with the hashed
password. Likewise, the printer hashes the access code; compares the
hashed password to the hashed access code; regenerates the encryption
key from the access code; and, uses the encryption key to decrypt the
encrypted document.